

Jun 9th, 11:20 AM - 11:40 AM

Implementing Strategic Connectivity Restoration Projects

K. Dolata

University of Wisconsin - Madison

Follow this and additional works at: https://scholarworks.umass.edu/fishpassage_conference

Dolata, K., "Implementing Strategic Connectivity Restoration Projects" (2014). *International Conference on Engineering and Ecohydrology for Fish Passage*. 22.

https://scholarworks.umass.edu/fishpassage_conference/2014/June9/22

This Event is brought to you for free and open access by the Fish Passage Community at UMass Amherst at ScholarWorks@UMass Amherst. It has been accepted for inclusion in International Conference on Engineering and Ecohydrology for Fish Passage by an authorized administrator of ScholarWorks@UMass Amherst. For more information, please contact scholarworks@library.umass.edu.

Implementing Strategic Connectivity Restoration Projects

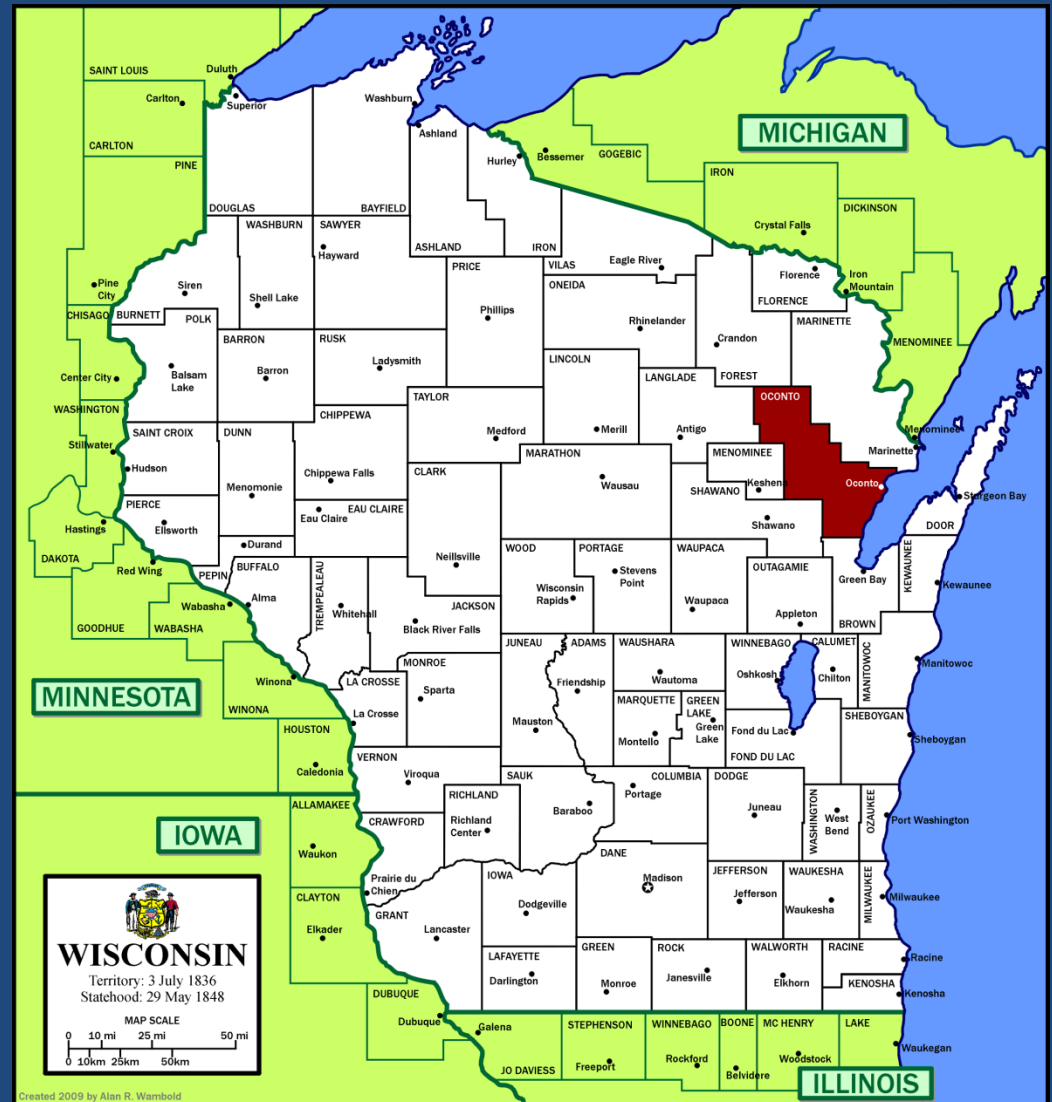
Oconto County Land Conservation Division



OCONTO COUNTY

Oconto County West Shore Northern Pike Habitat Restoration Project

- Great Lakes Restoration Initiative (GLRI) Grant from EPA
- 2010 to 2014
- \$540,000.00
- Practices:
 - Spawning Habitat Creation
 - Riparian Buffer Establishment
 - Obstruction Removal



Project Accomplishments

2011

- 1 Spawning Habitat Project
- **2 Obstructions Removed**

2012

- 11 Spawning Habitat Projects
- **10 Obstructions Removed**

2013

- 7 Spawning Habitat Projects
- **11 Obstructions Removed**
 - *1 Public Road Project*

2014

- 12 Spawning Habitat Projects
- **15 Obstructions to be Removed**
 - *7 Public Road Projects*



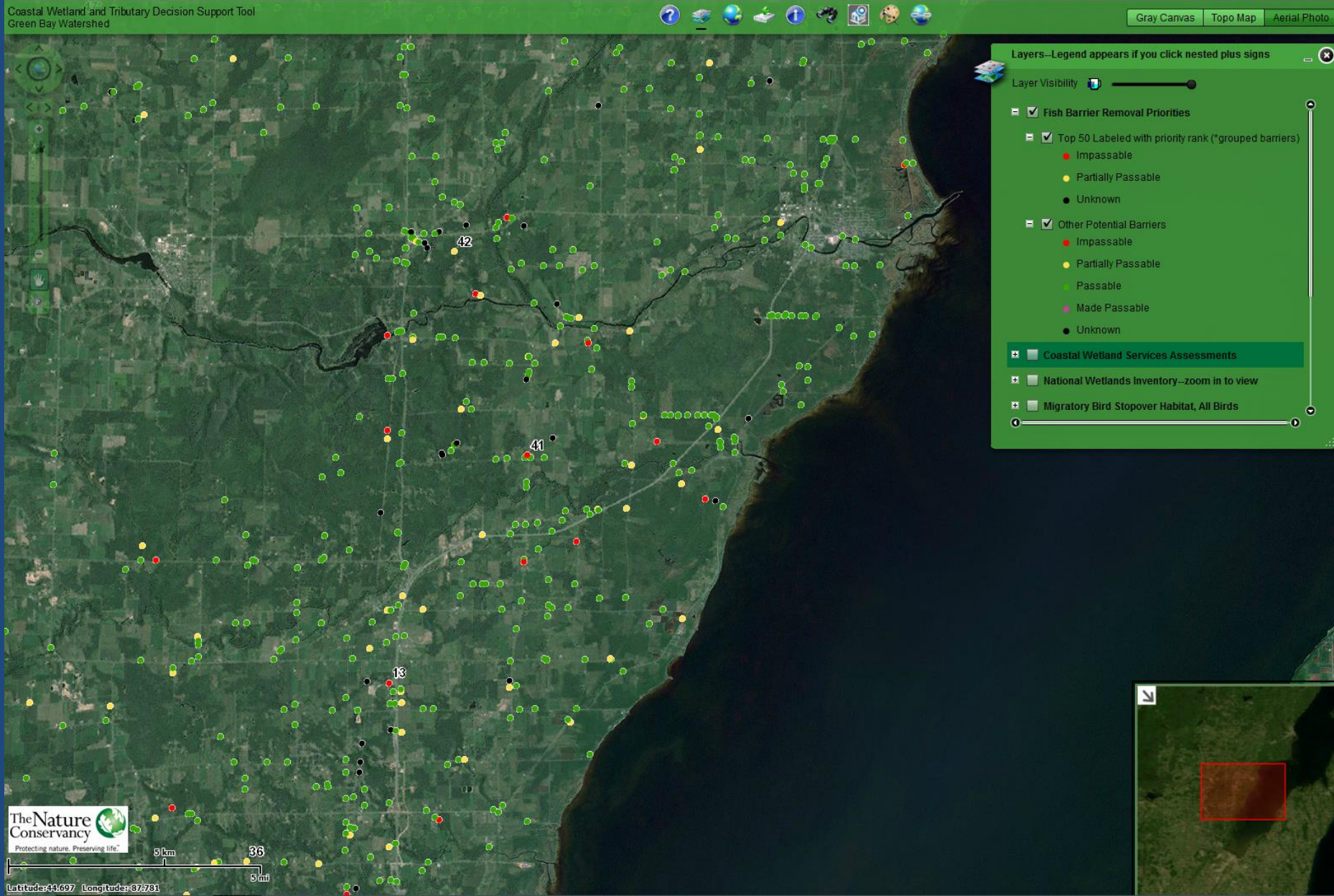
Fish Passage Obstructions



Private Crossings



2013 Field Survey of Road Crossings



Vermeiren Road Culvert Project

Coastal Wetland and Tributary Decision Support Tool
Duck-Pensaukee Watershed



Gray Canvas Topo Map Aerial Photo

Layers—Legend appears if you click nested plus signs

Layer Visibility  

☒ Fish Barrier Removal Priorities

☒ Top 50 Labeled with priority rank (*grouped barriers)

● Impassable

● Partially Passable

● Unknown

☒ Other Potential Barriers

● Impassable

● Partially Passable

● Passable

● Made Passable

● Unknown

☐ Wetland Conservation Priorities

☐ National Wetlands Inventory—zoom in to view

☐ Migratory Bird Stopover Habitat, All Birds

☐ Migratory Landbird Stopover Habitat





AREA VIEW
VERMEIREN RD CULVERT

CLIENT: THE NATURE CONSERVANCY

COUNTY: OCONTO

Designed: TWB Date: 8/14

Drawn: _____

Checked: _____

Approved: _____

Drawing Name: M-002

Date: 10/2006

Sheet X of X

Herald Project



Before...



After...



Crossing Replacement Options



Success & Monitoring



Questions and Comments?